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MEMORANDUM

Date: March 2, 2009

To: Marvin Distributors and Dealers

RE: Energy Tax Credit up to \$1,500 Now Available!

The recently passed Economic Stimulus package (the American Recovery and Reinvestment Act of 2009) includes federal tax credits that encourage homeowners to make energy efficient improvements to their homes. Replacing windows and doors with energy efficient Marvin products may qualify for this tax credit!

To qualify for the tax credit, a high level of energy efficiency is required. Marvin has a significant number of products that meet those qualifications. A list of qualifying Marvin products is available on marvin.com and will continue to be updated and enhanced with a fully comprehensive list available no later than Friday, March 6.

Details of the Tax Credit:

1. The tax credit is based on 30% of the cost of the qualifying windows and doors up to \$1,500. The installation of the windows and doors does not qualify for the tax credit.
 - **For example, a purchase price totaling \$5,000 of qualifying products will receive the maximum tax credit of \$1,500.**
 - **Not all products in the project are required to meet a 0.30 U-value and 0.30 SHGC. Therefore, \$5,000 of product that does qualify can be used with product that does not, yet the homeowner receives the maximum rebate.**
2. The credit has been raised to a maximum of \$1,500 per household.
3. The credit is available on projects completed in 2009 and 2010. (Total of \$1,500 over the two year period.)
4. The credit applies to the homeowner's principal residence only.
5. Window and door performance must be equal to or below a U-Factor of 0.30, and a Solar Heat Gain Coefficient (SHGC) of 0.30 or lower.

How to Qualify:

1. Replace old windows and doors with qualifying Marvin products between January 1, 2009 and December 31, 2010.
2. Save the purchase receipt and all NFRC/Energy Star labels from the windows and doors installed.
3. Submit IRS Tax Form 5695 when filing taxes. The 2009 version of Form 5695 will be available late 2009 or early 2010 on the Energy Star and the IRS websites.
4. Improvements made in 2009 can be claimed on the homeowner's 2009 taxes (filed by April 15, 2010).

Explaining to the homeowner what a tax credit is vs. a tax deduction.

- A tax **credit** is a dollar-for-dollar reduction subtracted from your tax liability. Therefore, \$1,500 can be subtracted directly from the amount of tax that is owed, or added to a tax refund.
- A tax **deduction** reduces the amount of your taxable income.
- This program is a tax **credit directly off the tax liability**, not a tax deduction off the taxable income.

Promotion of the Tax Credit

- Web pages have been added to marvin.com that highlight:
 - Energy Efficiency
 - The Federal Energy Tax Credit
 - Product Performance detailing which products meet the required performance criteria
- Marvin is also committed to marketing this program significantly. Some of the near-term marketing activities are:
 - Website – we will continue to enhance the information about this program and our products on marvin.com
 - Showroom/Tradeshow handout
 - Email blast to consumers and remodelers
 - Internet search optimization
 - Press release template for dealers to use to promote this program in their local markets

Marvin has a significant number of products that will meet the requirements needed to qualify for the tax credit. A list of qualifying products is available on marvin.com and that list will continue to be updated throughout the week. If you have any questions in the meantime, please contact your Marvin sales representative.

To see a list of the products that qualify for the tax credit, [click here](#).

This summary information is provided as a convenience and may not be relied upon as a substitute for professional tax advice. Marvin disclaims all responsibility for determining whether a particular product qualifies for this or any other tax credit. All purchasers are advised to consult a professional tax advisor to determine whether the products they purchase qualify for the tax credit and how to qualify for the credit. More information is available at www.energystar.gov/taxcredit.

Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.31	0.26	0.44	N, NC, SC, S	
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.30	0.26	0.44	N, NC, SC, S	X
Insulating Low E 272 Glass - Argon, GBG	0.30	0.26	0.44	N, NC, SC, S	X
Insulating Low E 366 Glass - Argon	0.30	0.19	0.44	N, NC, SC, S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.30	0.18	0.40	N, NC, SC, S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.30	0.18	0.40	N, NC, SC, S	X
Insulating Low E 366 Glass - Argon, GBG	0.30	0.18	0.40	N, NC, SC, S	X

Clad Ultimate Replacement Awning - 3/4" IG					
Insulating Low E 272 Glass - Argon	0.31	0.29	0.49	N, NC, SC, S	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.32	0.26	0.44	N, NC, SC, S	
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.31	0.26	0.44	N, NC, SC, S	
Insulating Low E 272 Glass - Argon, GBG	0.31	0.26	0.44	N, NC, SC, S	
Insulating Low E 366 Glass - Argon	0.30	0.19	0.44	N, NC, SC, S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.31	0.18	0.40	N, NC, SC, S	
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.30	0.18	0.40	N, NC, SC, S	X
Insulating Low E 366 Glass - Argon, GBG	0.30	0.18	0.40	N, NC, SC, S	X

Clad Ultimate Casement Round Top Operator - 3/4" IG					
Insulating Low E 272 Glass - Argon	0.30	0.29	0.49	N, NC, SC, S	X
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.31	0.26	0.44	N, NC, SC, S	
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.30	0.26	0.44	N, NC, SC, S	X
Insulating Low E 272 Glass - Argon, GBG	0.30	0.26	0.44	N, NC, SC, S	X
Insulating Low E 366 Glass - Argon	0.30	0.19	0.44	N, NC, SC, S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.31	0.18	0.40	N, NC, SC, S	
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.30	0.18	0.40	N, NC, SC, S	X
Insulating Low E 366 Glass - Argon, GBG	0.30	0.18	0.40	N, NC, SC, S	X

Clad Ultimate Pushout Casement - 3/4" IG					
Insulating Low E 272 Glass - Argon	0.31	0.29	0.49	N, NC, SC, S	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.32	0.26	0.44	N, NC, SC, S	
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.31	0.26	0.44	N, NC, SC, S	
Insulating Low E 272 Glass - Argon, GBG	0.31	0.26	0.44	N, NC, SC, S	
Insulating Low E 366 Glass - Argon	0.31	0.19	0.44	N, NC, SC, S	
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.32	0.18	0.40	N, NC, SC, S	
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.31	0.18	0.40	N, NC, SC, S	
Insulating Low E 366 Glass - Argon, GBG	0.31	0.18	0.40	N, NC, SC, S	

Clad Ultimate Pushout Casement Picture - 3/4" IG					
Insulating Low E 272 Glass - Argon	0.29	0.33	0.57	N, NC, SC, S	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.30	0.30	0.51	N, NC, SC, S	X
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.29	0.30	0.51	N, NC, SC, S	X
Insulating Low E 272 Glass - Argon, GBG	0.29	0.30	0.51	N, NC, SC, S	X
Insulating Low E 366 Glass - Argon	0.28	0.22	0.51	N, NC, SC, S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.29	0.20	0.46	N, NC, SC, S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.28	0.20	0.46	N, NC, SC, S	X
Insulating Low E 366 Glass - Argon, GBG	0.28	0.20	0.46	N, NC, SC, S	X

Clad Ultimate Pushout Awning - 3/4" IG					
Insulating Low E 272 Glass - Argon	0.31	0.29	0.49	N, NC, SC, S	

Clad Ultimate Pushout Casement Picture - 1" IG					
0.29	0.32	0.56	N, NC, SC, S		
0.30	0.29	0.50	N, NC, SC, S	X	
0.29	0.29	0.50	N, NC, SC, S	X	
0.29	0.29	0.50	N, NC, SC, S	X	
0.29	0.22	0.50	N, NC, SC, S	X	
0.30	0.20	0.45	N, NC, SC, S	X	
0.29	0.20	0.45	N, NC, SC, S	X	
0.29	0.20	0.45	N, NC, SC, S	X	

4.7mm glass and a 16mm spacer

0.29	0.32	0.55	N, NC, SC, S		
0.30	0.29	0.49	N, NC, SC, S	X	
0.29	0.29	0.49	N, NC, SC, S	X	
0.29	0.29	0.49	N, NC, SC, S	X	
0.29	0.22	0.50	N, NC, SC, S	X	
0.30	0.20	0.44	N, NC, SC, S	X	
0.29	0.20	0.44	N, NC, SC, S	X	
0.29	0.20	0.44	N, NC, SC, S	X	

5.7mm glass and 14.5 spacer

Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.32	0.26	0.44	N, NC, SC, S	
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.31	0.26	0.44	N, NC, SC, S	
Insulating Low E 272 Glass - Argon, GBG	0.31	0.26	0.44	N, NC, SC, S	
Insulating Low E 366 Glass - Argon	0.31	0.19	0.44	N, NC, SC, S	
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.31	0.18	0.40	N, NC, SC, S	
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.31	0.18	0.40	N, NC, SC, S	
Insulating Low E 366 Glass - Argon, GBG	0.31	0.18	0.40	N, NC, SC, S	

Clad Ultimate Pushout Replacement Casement - 3/4" IG					
Insulating Low E 272 Glass - Argon	0.32	0.29	0.49	N, NC, SC, S	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.33	0.27	0.44	N, NC, SC, S	
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.32	0.27	0.44	N, NC, SC, S	
Insulating Low E 272 Glass - Argon, GBG	0.32	0.27	0.44	N, NC, SC, S	
Insulating Low E 366 Glass - Argon	0.31	0.19	0.44	N, NC, SC, S	
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.32	0.18	0.40	N, NC, SC, S	
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.31	0.18	0.40	N, NC, SC, S	
Insulating Low E 366 Glass - Argon, GBG	0.31	0.18	0.40	N, NC, SC, S	

Clad Ultimate Pushout Replacement Casement Picture - 3/4" IG					
Insulating Low E 272 Glass - Argon	0.29	0.33	0.57	N, NC, SC, S	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.30	0.30	0.51	N, NC, SC, S	X
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.29	0.30	0.51	N, NC, SC, S	X
Insulating Low E 272 Glass - Argon, GBG	0.29	0.30	0.51	N, NC, SC, S	X
Insulating Low E 366 Glass - Argon	0.29	0.22	0.51	N, NC, SC, S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.30	0.20	0.46	N, NC, SC, S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.29	0.20	0.46	N, NC, SC, S	X
Insulating Low E 366 Glass - Argon, GBG	0.29	0.20	0.46	N, NC, SC, S	X

Clad Ultimate Pushout Replacement Awning - 3/4" IG					
Insulating Low E 272 Glass - Argon	0.32	0.29	0.49	N, NC, SC, S	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.32	0.27	0.44	N, NC, SC, S	
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.32	0.27	0.44	N, NC, SC, S	
Insulating Low E 272 Glass - Argon, GBG	0.32	0.27	0.44	N, NC, SC, S	
Insulating Low E 366 Glass - Argon	0.31	0.19	0.44	N, NC, SC, S	
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.32	0.18	0.40	N, NC, SC, S	
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.31	0.18	0.40	N, NC, SC, S	
Insulating Low E 366 Glass - Argon, GBG	0.31	0.18	0.40	N, NC, SC, S	

Clad Casemaster Casement Operator/Stationary - 3/4" IG					
Insulating Low E 272 Glass - Argon	0.32	0.29	0.49	N, NC, SC, S	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.33	0.26	0.45	N, NC, SC, S	
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.32	0.26	0.45	N, NC, SC, S	
Insulating Low E 272 Glass - Argon, GBG	0.33	0.26	0.45	N, NC, SC, S	
Insulating Low E 366 Glass - Argon	0.32	0.19	0.44	N, NC, SC, S	
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.33	0.18	0.40	N, NC, SC, S	
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.32	0.18	0.40	N, NC, SC, S	
Insulating Low E 366 Glass - Argon, GBG	0.32	0.18	0.40	N, NC, SC, S	

Clad Casemaster Picture - 3/4" IG					
Insulating Low E 272 Glass - Argon	0.30	0.33	0.57	N, NC, SC, S	

No 1" certified
No 1" certified
No 1" certified
No 1" certified
No 1" certified
No 1" certified
No 1" certified
No 1" certified

Clad Casemaster Picture - 1" IG					
0.30	0.32	0.56	N, NC, SC, S		

0.30	0.32	0.55	N, NC, SC, S		
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Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.31	0.30	0.51	N, NC, SC, S	
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.30	0.30	0.51	N, NC, SC, S	X
Insulating Low E 272 Glass - Argon, GBG	0.30	0.30	0.51	N, NC, SC, S	X
Insulating Low E 366 Glass - Argon	0.29	0.22	0.51	N, NC, SC, S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.30	0.20	0.46	N, NC, SC, S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.29	0.20	0.46	N, NC, SC, S	X
Insulating Low E 366 Glass - Argon, GBG	0.29	0.20	0.46	N, NC, SC, S	X

Clad Casemaster Awning Operator/Stationary - 3/4" IG					
Insulating Low E 272 Glass - Argon	0.33	0.28	0.48	N, NC, SC, S	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.33	0.26	0.43	N, NC, SC, S	
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.33	0.26	0.43	N, NC, SC, S	
Insulating Low E 272 Glass - Argon, GBG	0.33	0.26	0.43	N, NC, SC, S	
Insulating Low E 366 Glass - Argon	0.32	0.19	0.43	N, NC, SC, S	
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.33	0.17	0.39	N, NC, SC, S	
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.32	0.17	0.39	N, NC, SC, S	
Insulating Low E 366 Glass - Argon, GBG	0.32	0.17	0.39	N, NC, SC, S	

Clad Casemaster Casement Round Top and Polygon Operator/Stationary - 3/4" IG					
Insulating Low E 272 Glass - Argon	0.30	0.29	0.50	N, NC, SC, S	X
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.30	0.26	0.45	N, NC, SC, S	X
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.30	0.26	0.45	N, NC, SC, S	X
Insulating Low E 272 Glass - Argon, GBG	0.30	0.26	0.45	N, NC, SC, S	X
Insulating Low E 366 Glass - Argon	0.29	0.19	0.45	N, NC, SC, S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.30	0.18	0.40	N, NC, SC, S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.29	0.18	0.40	N, NC, SC, S	X
Insulating Low E 366 Glass - Argon, GBG	0.29	0.18	0.40	N, NC, SC, S	X

Clad Casemaster Picture Round Top and Polygon - 3/4" IG					
Insulating Low E 272 Glass - Argon	0.28	0.33	0.58	N, NC, SC, S	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.29	0.30	0.51	N, NC, SC, S	X
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.28	0.30	0.51	N, NC, SC, S	X
Insulating Low E 272 Glass - Argon, GBG	0.28	0.30	0.51	N, NC, SC, S	X
Insulating Low E 366 Glass - Argon	0.27	0.22	0.52	N, NC, SC, S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.28	0.20	0.46	N, NC, SC, S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.27	0.20	0.46	N, NC, SC, S	X
Insulating Low E 366 Glass - Argon, GBG	0.27	0.20	0.46	N, NC, SC, S	X

Clad Casemaster Venting Picture - 3/4" IG					
Insulating Low E 272 Glass - Argon	0.30	0.33	0.57	N, NC, SC, S	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.31	0.30	0.51	N, NC, SC, S	
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.30	0.30	0.51	N, NC, SC, S	X
Insulating Low E 272 Glass - Argon, GBG	0.30	0.30	0.51	N, NC, SC, S	X
Insulating Low E 366 Glass - Argon	0.30	0.22	0.51	N, NC, SC, S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.31	0.20	0.46	N, NC, SC, S	
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.30	0.20	0.46	N, NC, SC, S	X
Insulating Low E 366 Glass - Argon, GBG	0.30	0.20	0.46	N, NC, SC, S	X

Clad Ultimate Double Hung / Single Hung - .700" IG					
Insulating Low E 272 Glass - Argon	0.31	0.30	0.51	N, NC, SC, S	

0.31	0.29	0.50	N, NC, SC, S	
0.30	0.29	0.50	N, NC, SC, S	x
0.30	0.29	0.50	N, NC, SC, S	x
0.29	0.22	0.50	N, NC, SC, S	x
0.30	0.20	0.45	N, NC, SC, S	x
0.29	0.20	0.45	N, NC, SC, S	x
0.29	0.20	0.45	N, NC, SC, S	x

4.7mm glass and a 16mm spacer

0.31	0.29	0.49	N, NC, SC, S	
0.30	0.29	0.49	N, NC, SC, S	x
0.30	0.29	0.49	N, NC, SC, S	x
0.29	0.22	0.50	N, NC, SC, S	x
0.30	0.20	0.44	N, NC, SC, S	x
0.29	0.20	0.44	N, NC, SC, S	x
0.29	0.20	0.44	N, NC, SC, S	x

5.7mm glass and 14.5 spacer

Clad Casemaster Picture Round Top and Polygon - 1" IG					
0.28	0.32	0.57	N, NC, SC, S		
0.29	0.29	0.5	N, NC, SC, S	x	
0.28	0.29	0.5	N, NC, SC, S	x	
0.28	0.29	0.5	N, NC, SC, S	x	
0.27	0.22	0.51	N, NC, SC, S	x	
0.28	0.20	0.45	N, NC, SC, S	x	
0.27	0.20	0.45	N, NC, SC, S	x	
0.27	0.20	0.45	N, NC, SC, S	x	

4.7mm glass and a 16mm spacer

0.28	0.32	0.56	N, NC, SC, S	
0.29	0.29	0.5	N, NC, SC, S	x
0.28	0.29	0.5	N, NC, SC, S	x
0.28	0.29	0.5	N, NC, SC, S	x
0.27	0.22	0.5	N, NC, SC, S	x
0.28	0.2	0.45	N, NC, SC, S	x
0.27	0.2	0.45	N, NC, SC, S	x
0.27	0.2	0.45	N, NC, SC, S	x

5.7mm glass and 14.5 spacer

Clad Casemaster Venting Picture - 1" IG					
0.31	0.32	0.56	N, NC, SC, S		
0.32	0.29	0.5	N, NC, SC, S		
0.31	0.29	0.5	N, NC, SC, S		
0.31	0.29	0.5	N, NC, SC, S		
0.30	0.22	0.5	N, NC, SC, S	x	
0.31	0.20	0.45	N, NC, SC, S		
0.30	0.20	0.45	N, NC, SC, S	x	
0.30	0.20	0.45	N, NC, SC, S	x	

4.7mm glass and a 16mm spacer

0.31	0.32	0.55	N, NC, SC, S	
0.32	0.29	0.49	N, NC, SC, S	
0.31	0.29	0.49	N, NC, SC, S	
0.31	0.29	0.49	N, NC, SC, S	
0.30	0.22	0.50	N, NC, SC, S	x
0.31	0.20	0.44	N, NC, SC, S	
0.30	0.20	0.44	N, NC, SC, S	x
0.30	0.20	0.44	N, NC, SC, S	x

5.7mm glass and 14.5 spacer

Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.32	0.27	0.45	N, NC, SC, S	
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.31	0.27	0.45	N, NC, SC, S	
Insulating Low E 272 Glass - Argon, GBG	0.32	0.27	0.45	N, NC, SC, S	
Insulating Low E 366 Glass - Argon	0.30	0.20	0.46	N, NC, SC, S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.31	0.18	0.41	N, NC, SC, S	
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.31	0.18	0.41	N, NC, SC, S	
Insulating Low E 366 Glass - Argon, GBG	0.31	0.18	0.41	N, NC, SC, S	

Clad Ultimate Double Hung Picture - 1" IG

Insulating Low E 272 Glass - Argon	0.29	0.30	0.53	N, NC, SC, S	X
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.30	0.27	0.47	N, NC, SC, S	X
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.29	0.27	0.47	N, NC, SC, S	X
Insulating Low E 2726 Glass - Argon, GBG	0.29	0.27	0.47	N, NC, SC, S	X
Insulating Low E 366 Glass - Argon	0.28	0.20	0.47	N, NC, SC, S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.29	0.18	0.42	N, NC, SC, S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.28	0.18	0.42	N, NC, SC, S	X
Insulating Low E 366 Glass - Argon, GBG	0.28	0.18	0.42	N, NC, SC, S	X

Clad Ultimate Double Hung Transom (.700 IG) - .700" IG

Insulating Low E 272 Glass - Argon	0.29	0.32	0.55	N, NC, SC, S	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.30	0.29	0.49	N, NC, SC, S	X
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.29	0.29	0.49	N, NC, SC, S	X
Insulating Low E 272 Glass - Argon, GBG	0.30	0.29	0.49	N, NC, SC, S	X
Insulating Low E 366 Glass - Argon	0.29	0.21	0.50	N, NC, SC, S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.29	0.19	0.44	N, NC, SC, S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.29	0.19	0.44	N, NC, SC, S	X
Insulating Low E 366 Glass - Argon, GBG	0.29	0.19	0.44	N, NC, SC, S	X

Clad Ultimate Double Hung Round Top - .700" IG

Insulating Low E 272 Glass - Argon	0.32	0.30	0.51	N, NC, SC, S	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.32	0.27	0.45	N, NC, SC, S	
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.32	0.27	0.45	N, NC, SC, S	
Insulating Low E 272 Glass - Argon, GBG	0.32	0.27	0.45	N, NC, SC, S	
Insulating Low E 366 Glass - Argon	0.31	0.20	0.46	N, NC, SC, S	
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.32	0.18	0.41	N, NC, SC, S	
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.31	0.18	0.41	N, NC, SC, S	
Insulating Low E 366 Glass - Argon, GBG	0.32	0.18	0.41	N, NC, SC, S	

Clad Ultimate Double Hung Round Top Picture - 1" IG

Insulating Low E 272 Glass - Argon	0.30	0.31	0.53	N, NC, SC, S	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.31	0.28	0.47	N, NC, SC, S	
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.30	0.28	0.47	N, NC, SC, S	X
Insulating Low E 272 Glass - Argon, GBG	0.30	0.28	0.47	N, NC, SC, S	X
Insulating Low E 366 Glass - Argon	0.30	0.21	0.47	N, NC, SC, S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.31	0.19	0.42	N, NC, SC, S	
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.30	0.19	0.42	N, NC, SC, S	X
Insulating Low E 366 Glass - Argon, GBG	0.30	0.19	0.42	N, NC, SC, S	X

Clad Ultimate Double Hung Round Top Transom - 1" IG

Insulating Low E 272 Glass - Argon	0.30	0.31	0.54	N, NC, SC, S	
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Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.31	0.28	0.48	N, NC, SC, S	
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.30	0.28	0.48	N, NC, SC, S	X
Insulating Low E 272 Glass - Argon, GBG	0.30	0.28	0.48	N, NC, SC, S	X
Insulating Low E 366 Glass - Argon	0.29	0.21	0.49	N, NC, SC, S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.31	0.19	0.43	N, NC, SC, S	
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.29	0.19	0.43	N, NC, SC, S	X
Insulating Low E 366 Glass - Argon, GBG	0.29	0.19	0.43	N, NC, SC, S	X

Clad Ultimate Insert Double/Single Hung - .700" IG

Insulating Low E 272 Glass - Argon	0.32	0.30	0.52	N, NC, SC, S	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.33	0.27	0.46	N, NC, SC, S	
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.32	0.27	0.46	N, NC, SC, S	
Insulating Low E 272 Glass - Argon, GBG	0.33	0.27	0.46	N, NC, SC, S	
Insulating Low E 366 Glass - Argon	0.31	0.20	0.46	N, NC, SC, S	
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.32	0.18	0.41	N, NC, SC, S	
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.31	0.18	0.41	N, NC, SC, S	
Insulating Low E 366 Glass - Argon, GBG	0.32	0.18	0.41	N, NC, SC, S	

Clad Ultimate Insert Double Hung Picture - 1" IG

Insulating Low E 272 Glass - Argon	0.29	0.31	0.53	N, NC, SC, S	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.30	0.28	0.48	N, NC, SC, S	X
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.29	0.28	0.48	N, NC, SC, S	X
Insulating Low E 272 Glass - Argon, GBG	NA	NA	NA	NA	
Insulating Low E 366 Glass - Argon	0.28	0.21	0.48	N, NC, SC, S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.30	0.19	0.43	N, NC, SC, S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.28	0.19	0.43	N, NC, SC, S	X
Insulating Low E 366 Glass - Argon, GBG	NA	NA	NA	NA	

Clad Ultimate Insert Double Hung Transom - .700" IG

Insulating Low E 272 Glass - Argon	0.30	0.33	0.56	N, NC, SC, S	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.31	0.29	0.50	N, NC, SC, S	
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.30	0.29	0.50	N, NC, SC, S	X
Insulating Low E 272 Glass - Argon, GBG	0.31	0.29	0.50	N, NC, SC, S	
Insulating Low E 366 Glass - Argon	0.29	0.22	0.50	N, NC, SC, S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.30	0.20	0.45	N, NC, SC, S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.29	0.20	0.45	N, NC, SC, S	X
Insulating Low E 366 Glass - Argon, GBG	0.30	0.20	0.45	N, NC, SC, S	X

Clad Double Hung Tilt Pac - 9/16" IG

Insulating Low E 272 Glass - Argon	0.33	0.30	0.51	N, NC, SC, S	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.36	0.27	0.45	NC, SC, S	
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.35	0.27	0.45	N, NC, SC, S	
Insulating Low E 272 Glass - Argon, GBG	0.37	0.27	0.45	NC, SC, S	
Insulating Low E 366 Glass - Argon	0.32*	0.20	0.46	N, NC, SC, S	
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.36	0.18	0.41	NC, SC, S	
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.35	0.18	0.41	N, NC, SC, S	
Insulating Low E 366 Glass - Argon, GBG	0.36	0.18	0.41	NC, SC, S	

Clad Single Hung Tilt Pac - 9/16" IG

Insulating Low E 272 Glass - Argon	0.33	0.30	0.51	N, NC, SC, S	
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Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.36	0.27	0.45	NC, SC, S	
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.35	0.27	0.45	N, NC, SC, S	
Insulating Low E 272 Glass - Argon, GBG	0.37	0.27	0.45	NC, SC, S	
Insulating Low E 366 Glass - Argon	0.32*	0.20	0.46	N, NC, SC, S	
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.36	0.18	0.41	NC, SC, S	
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.35	0.18	0.41	N, NC, SC, S	
Insulating Low E 366 Glass - Argon, GBG	0.36	0.18	0.41	NC, SC, S	

Clad Ultimate Double Hung Impact/Magnum Picture - 1" IG

Insulating Low E 272 Glass - Argon	0.29	0.30	0.53	N, NC, SC, S	X
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.30	0.27	0.47	N, NC, SC, S	X
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.29	0.27	0.47	N, NC, SC, S	X
Insulating Low E 272 Glass - Argon, GBG	0.29	0.27	0.47	N, NC, SC, S	X
Insulating Low E 366 Glass - Argon	0.28	0.20	0.47	N, NC, SC, S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.29	0.18	0.42	N, NC, SC, S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.28	0.18	0.42	N, NC, SC, S	X
Insulating Low E 366 Glass - Argon, GBG	0.28	0.18	0.42	N, NC, SC, S	X

Clad Ultimate Double Hung Magnum / SH Magnum - .700" IG

Insulating Low E 272 Glass - Argon	0.31	0.30	0.51	N, NC, SC, S	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.32	0.27	0.45	N, NC, SC, S	
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.31	0.27	0.45	N, NC, SC, S	
Insulating Low E 272 Glass - Argon, GBG	0.32	0.27	0.45	N, NC, SC, S	
Insulating Low E 366 Glass - Argon	0.31	0.20	0.46	N, NC, SC, S	
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.31	0.18	0.41	N, NC, SC, S	
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.31	0.18	0.41	N, NC, SC, S	
Insulating Low E 366 Glass - Argon, GBG	0.31	0.18	0.41	N, NC, SC, S	

Clad Glider - 9/16" IG

Insulating Low E 272 Glass - Argon	0.37	0.31	0.53	NC, SC, S	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.38	0.28	0.47	NC, SC, S	
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.37	0.28	0.47	NC, SC, S	
Insulating Low E 272 Glass - Argon, GBG	0.38	0.28	0.47	NC, SC, S	
Insulating Low E 366 Glass - Argon	0.36	0.21	0.48	NC, SC, S	
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.37	0.19	0.42	NC, SC, S	
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.36	0.19	0.42	NC, SC, S	
Insulating Low E 366 Glass - Argon, GBG	0.38	0.19	0.42	NC, SC, S	

Clad Glider Picture - 9/16" IG

Insulating Low E 272 Glass - Argon	0.34	0.33	0.56	N, NC, SC, S	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.35	0.30	0.50	N, NC, SC, S	
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.34	0.30	0.50	N, NC, SC, S	
Insulating Low E 272 Glass - Argon, GBG	0.36	0.30	0.50	NC, SC, S	
Insulating Low E 366 Glass - Argon	0.34	0.22	0.50	N, NC, SC, S	
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.35	0.20	0.45	N, NC, SC, S	
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.34	0.20	0.45	N, NC, SC, S	
Insulating Low E 366 Glass - Argon, GBG	0.35	0.20	0.45	N, NC, SC, S	

Clad Direct Glaze Polygon - 1" IG

Insulating Low E 272 Glass - Argon	0.28	0.35	0.61	N, NC, SC, S	
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Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.30	0.31	0.54	N, NC, SC, S	
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.28	0.31	0.54	N, NC, SC, S	
Insulating Low E 272 Glass - Argon, GBG	0.28	0.31	0.54	N, NC, SC, S	
Insulating Low E 366 Glass - Argon	0.28	0.23	0.54	N, NC, SC, S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.29	0.21	0.49	N, NC, SC, S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.28	0.21	0.49	N, NC, SC, S	X
Insulating Low E 366 Glass - Argon, GBG	0.28	0.21	0.49	N, NC, SC, S	X

Clad Direct Glaze Round Top - 1" IG

Insulating Low E 272 Glass - Argon	0.29	0.36	0.63	N, NC, SC, S	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.30	0.32	0.56	N, NC, SC, S	
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.29	0.32	0.56	N, NC, SC, S	
Insulating Low E 272 Glass - Argon, GBG	0.29	0.32	0.56	N, NC, SC, S	
Insulating Low E 366 Glass - Argon	0.28	0.24	0.56	N, NC, SC, S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.29	0.22	0.51	N, NC, SC, S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.28	0.22	0.51	N, NC, SC, S	X
Insulating Low E 366 Glass - Argon, GBG	0.28	0.22	0.51	N, NC, SC, S	X

Clad Magnum Tilt Turn 2 13/32" - 7/8" IG

Insulating Low E 272 Glass - Argon	0.31	0.29	0.49	N, NC, SC, S	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.33	0.26	0.43	N, NC, SC, S	
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.31	0.26	0.43	N, NC, SC, S	
Insulating Low E 272 Glass - Argon, GBG	0.31	0.26	0.43	N, NC, SC, S	
Insulating Low E 366 Glass - Argon	0.31	0.19	0.44	N, NC, SC, S	
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.35	0.17	0.39	N, NC, SC, S	
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.31	0.17	0.39	N, NC, SC, S	
Insulating Low E 366 Glass - Argon, GBG	0.31	0.17	0.39	N, NC, SC, S	

Clad Magnum Tilt Turn 4 9/16" - 7/8" IG

Insulating Low E 272 Glass - Argon	0.32	0.27	0.47	N, NC, SC, S	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.33	0.24	0.41	N, NC, SC, S	
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.32	0.24	0.41	N, NC, SC, S	
Insulating Low E 272 Glass - Argon, GBG	0.32	0.24	0.41	N, NC, SC, S	
Insulating Low E 366 Glass - Argon	0.32	0.18	0.42	N, NC, SC, S	
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.33	0.16	0.37	N, NC, SC, S	
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.32	0.16	0.37	N, NC, SC, S	
Insulating Low E 366 Glass - Argon, GBG	0.32	0.16	0.37	N, NC, SC, S	

NFRC PRODUCT WITH PRODUCT CODE	U Value	SHGC	VLT	Energy Star	Meets SP Criteria
Wood Units					
WOOD ULTIMATE CASEMENT - 3/4" IG					
Insulating Low E 272 Glass - Argon	0.29	0.28	0.48	N, NC, SC, S	X
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.29	0.25	0.43	N, NC, SC, S	X
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.29	0.25	0.43	N, NC, SC, S	X
Insulating Low E 272 Glass - Argon, GBG	0.29	0.25	0.43	N, NC, SC, S	X
Insulating Low E 366 Glass - Argon	0.28	0.19	0.43	N, NC, SC, S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.29	0.17	0.39	N, NC, SC, S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.28	0.17	0.39	N, NC, SC, S	X
Insulating Low E 366 Glass - Argon, GBG	0.28	0.17	0.39	N, NC, SC, S	X

WOOD ULTIMATE CASEMENT PICTURE - 3/4" IG					
Insulating Low E 272 Glass - Argon	0.27	0.32	0.56	N, NC, SC, S	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.28	0.29	0.50	N, NC, SC, S	X
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.27	0.29	0.50	N, NC, SC, S	X
Insulating Low E 272 Glass - Argon, GBG	0.27	0.29	0.50	N, NC, SC, S	X
Insulating Low E 366 Glass - Argon	0.27	0.21	0.50	N, NC, SC, S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.28	0.19	0.45	N, NC, SC, S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.27	0.19	0.45	N, NC, SC, S	X
Insulating Low E 366 Glass - Argon, GBG	0.27	0.19	0.45	N, NC, SC, S	X

WOOD ULTIMATE AWNING - 3/4" IG					
Insulating Low E 272 Glass - Argon	0.28	0.27	0.46	N, NC, SC, S	X
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.29	0.25	0.42	N, NC, SC, S	X
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.28	0.25	0.42	N, NC, SC, S	X
Insulating Low E 272 Glass - Argon, GBG	0.28	0.25	0.42	N, NC, SC, S	X
Insulating Low E 366 Glass - Argon	0.28	0.18	0.42	N, NC, SC, S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.28	0.16	0.38	N, NC, SC, S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.28	0.16	0.38	N, NC, SC, S	X
Insulating Low E 366 Glass - Argon, GBG	0.28	0.16	0.38	N, NC, SC, S	X

WOOD ULTIMATE CASEMENT ROUND TOP OPERATOR - 3/4" IG					
Insulating Low E 272 Glass - Argon	0.29	0.28	0.48	N, NC, SC, S	X
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.29	0.25	0.43	N, NC, SC, S	X
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.29	0.25	0.43	N, NC, SC, S	X
Insulating Low E 272 Glass - Argon, GBG	0.29	0.25	0.43	N, NC, SC, S	X
Insulating Low E 366 Glass - Argon	0.28	0.19	0.43	N, NC, SC, S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.29	0.17	0.39	N, NC, SC, S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.28	0.17	0.39	N, NC, SC, S	X
Insulating Low E 366 Glass - Argon, GBG	0.28	0.17	0.39	N, NC, SC, S	X

WOOD ULTIMATE PUSHOUT CASEMENT - 3/4" IG					
Insulating Low E 272 Glass - Argon	0.29	0.28	0.48	N, NC, SC, S	X
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.30	0.25	0.43	N, NC, SC, S	X
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.29	0.25	0.43	N, NC, SC, S	X
Insulating Low E 272 Glass - Argon, GBG	0.29	0.25	0.43	N, NC, SC, S	X
Insulating Low E 366 Glass - Argon	0.29	0.19	0.43	N, NC, SC, S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.30	0.17	0.39	N, NC, SC, S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.29	0.17	0.39	N, NC, SC, S	X
Insulating Low E 366 Glass - Argon, GBG	0.29	0.17	0.39	N, NC, SC, S	X

WOOD ULTIMATE PUSHOUT CASEMENT PICTURE - 3/4" IG					
Insulating Low E 272 Glass - Argon	0.28	0.32	0.56	N, NC, SC, S	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.29	0.29	0.50	N, NC, SC, S	X
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.28	0.29	0.50	N, NC, SC, S	X
Insulating Low E 272 Glass - Argon, GBG	0.28	0.29	0.50	N, NC, SC, S	X
Insulating Low E 366 Glass - Argon	0.27	0.21	0.50	N, NC, SC, S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.28	0.19	0.45	N, NC, SC, S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.27	0.19	0.45	N, NC, SC, S	X
Insulating Low E 366 Glass - Argon, GBG	0.27	0.19	0.45	N, NC, SC, S	X

WOOD ULTIMATE CASEMENT PICTURE - 1" IG					
0.27	0.32	0.55	N, NC, SC, S		
0.28	0.28	0.49	N, NC, SC, S	X	
0.27	0.28	0.49	N, NC, SC, S	X	
0.27	0.28	0.49	N, NC, SC, S	X	
0.27	0.21	0.49	N, NC, SC, S	X	
0.28	0.19	0.44	N, NC, SC, S	X	
0.27	0.19	0.44	N, NC, SC, S	X	
0.27	0.19	0.44	N, NC, SC, S	X	

4.7mm glass and a 16mm spacer

0.27	0.31	0.54	N, NC, SC, S		
0.28	0.28	0.48	N, NC, SC, S	X	
0.27	0.28	0.48	N, NC, SC, S	X	
0.27	0.28	0.48	N, NC, SC, S	X	
0.27	0.21	0.49	N, NC, SC, S	X	
0.28	0.19	0.44	N, NC, SC, S	X	
0.27	0.19	0.44	N, NC, SC, S	X	
0.27	0.19	0.44	N, NC, SC, S	X	

5.7mm glass and 14.5 spacer

WOOD ULTIMATE PUSHOUT CASEMENT PICTURE - 1" IG					
0.28	0.32	0.55	N, NC, SC, S		
0.29	0.28	0.49	N, NC, SC, S	X	
0.28	0.28	0.49	N, NC, SC, S	X	
0.28	0.28	0.49	N, NC, SC, S	X	
0.27	0.21	0.49	N, NC, SC, S	X	
0.28	0.19	0.44	N, NC, SC, S	X	
0.27	0.19	0.44	N, NC, SC, S	X	
0.27	0.19	0.44	N, NC, SC, S	X	

0.28	0.31	0.54	N, NC, SC, S		
0.29	0.28	0.48	N, NC, SC, S	X	
0.28	0.28	0.48	N, NC, SC, S	X	
0.28	0.28	0.48	N, NC, SC, S	X	
0.27	0.21	0.49	N, NC, SC, S	X	
0.28	0.19	0.44	N, NC, SC, S	X	
0.27	0.19	0.44	N, NC, SC, S	X	
0.27	0.19	0.44	N, NC, SC, S	X	

4.7mm glass and a 16mm spacer

5.7mm glass and 14.5 spacer

WOOD ULTIMATE PUSHOUT AWNING - 3/4" IG						
Insulating Low E 272 Glass - Argon	0.29	0.27	0.46	N, NC, SC, S	X	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.29	0.25	0.42	N, NC, SC, S	X	
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.29	0.25	0.42	N, NC, SC, S	X	
Insulating Low E 272 Glass - Argon, GBG	0.29	0.25	0.42	N, NC, SC, S	X	
Insulating Low E 366 Glass - Argon	0.28	0.18	0.42	N, NC, SC, S	X	
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.29	0.16	0.38	N, NC, SC, S	X	
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.28	0.16	0.38	N, NC, SC, S	X	
Insulating Low E 366 Glass - Argon, GBG	0.28	0.16	0.38	N, NC, SC, S	X	

Wood Casemaster Casement Operator/Stationary - 3/4" IG						
Insulating Low E 272 Glass - Argon	0.29	0.28	0.49	N, NC, SC, S	X	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.29	0.26	0.44	N, NC, SC, S	X	
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.29	0.26	0.44	N, NC, SC, S	X	
Insulating Low E 272 Glass - Argon, GBG	0.29	0.26	0.44	N, NC, SC, S	X	
Insulating Low E 366 Glass - Argon	0.28	0.19	0.44	N, NC, SC, S	X	
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.29	0.17	0.39	N, NC, SC, S	X	
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.28	0.17	0.39	N, NC, SC, S	X	
Insulating Low E 366 Glass - Argon, GBG	0.29	0.17	0.39	N, NC, SC, S	X	

Wood Casemaster Picture - 3/4" IG						
Insulating Low E 272 Glass - Argon	0.27	0.32	0.56	N, NC, SC, S		
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.28	0.29	0.50	N, NC, SC, S	X	
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.27	0.29	0.50	N, NC, SC, S	X	
Insulating Low E 272 Glass - Argon, GBG	0.28	0.29	0.50	N, NC, SC, S	X	
Insulating Low E 366 Glass - Argon	0.27	0.21	0.50	N, NC, SC, S	X	
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.28	0.19	0.45	N, NC, SC, S	X	
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.27	0.19	0.45	N, NC, SC, S	X	
Insulating Low E 366 Glass - Argon, GBG	0.27	0.19	0.45	N, NC, SC, S	X	

Wood Casemaster Awning Operator/Stationary - 3/4" IG						
Insulating Low E 272 Glass - Argon	0.29	0.26	0.45	N, NC, SC, S	X	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.29	0.24	0.41	N, NC, SC, S	X	
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.29	0.24	0.41	N, NC, SC, S	X	
Insulating Low E 272 Glass - Argon, GBG	0.29	0.24	0.41	N, NC, SC, S	X	
Insulating Low E 366 Glass - Argon	0.28	0.18	0.41	N, NC, SC, S	X	
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.29	0.16	0.37	N, NC, SC, S	X	
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.28	0.16	0.37	N, NC, SC, S	X	
Insulating Low E 366 Glass - Argon, GBG	0.29	0.16	0.37	N, NC, SC, S	X	

Wood Direct Glaze Polygon - 3/4"						
Insulating Low E 272 Glass - Argon	0.26	0.36	0.62	N, NC, SC, S		
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.27	0.32	0.56	N, NC, SC, S		
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.26	0.32	0.56	N, NC, SC, S		
Insulating Low E 272 Glass - Argon, GBG	0.27	0.32	0.56	N, NC, SC, S		
Insulating Low E 366 Glass - Argon	0.25	0.24	0.56	N, NC, SC, S	X	
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.27	0.21	0.50	N, NC, SC, S	X	
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.25	0.21	0.50	N, NC, SC, S	X	
Insulating Low E 366 Glass - Argon, GBG	0.26	0.21	0.50	N, NC, SC, S	X	

Wood Casemaster Picture - 3/4" IG						
0.28	0.31	0.55	N, NC, SC, S			
0.28	0.28	0.49	N, NC, SC, S	X		
0.28	0.28	0.49	N, NC, SC, S	X		
0.28	0.28	0.49	N, NC, SC, S	X		
0.27	0.21	0.49	N, NC, SC, S	X		
0.28	0.19	0.44	N, NC, SC, S	X		
0.27	0.19	0.44	N, NC, SC, S	X		
0.27	0.19	0.44	N, NC, SC, S	X		

4.7mm glass and a 16mm spacer

0.28	0.31	0.54	N, NC, SC, S			
0.28	0.28	0.48	N, NC, SC, S	X		
0.28	0.28	0.48	N, NC, SC, S	X		
0.28	0.28	0.48	N, NC, SC, S	X		
0.27	0.21	0.49	N, NC, SC, S	X		
0.28	0.19	0.43	N, NC, SC, S	X		
0.27	0.19	0.43	N, NC, SC, S	X		
0.27	0.19	0.43	N, NC, SC, S	X		

5.7mm glass and 14.5 spacer

Wood Ultimate Double Hung Picture 2" - 1" IG					
Insulating Low E 272 Glass - Argon	0.28	0.31	0.52	N, NC, SC, S	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.29	0.28	0.46	N, NC, SC, S	X
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.28	0.28	0.46	N, NC, SC, S	X
Insulating Low E 272 Glass - Argon, GBG	0.28	0.28	0.46	N, NC, SC, S	X
Insulating Low E 366 Glass - Argon	0.27	0.21	0.47	N, NC, SC, S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.28	0.19	0.42	N, NC, SC, S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.27	0.19	0.42	N, NC, SC, S	X
Insulating Low E 366 Glass - Argon, GBG	0.27	0.19	0.42	N, NC, SC, S	X

Wood Ultimate Double Hung Transom - .700" IG					
Insulating Low E 272 Glass - Argon	0.28	0.31	0.54	N, NC, SC, S	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.28	0.28	0.48	N, NC, SC, S	X
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.28	0.28	0.48	N, NC, SC, S	X
Insulating Low E 272 Glass - Argon, GBG	0.29	0.28	0.48	N, NC, SC, S	X
Insulating Low E 366 Glass - Argon	0.27	0.21	0.49	N, NC, SC, S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.28	0.19	0.43	N, NC, SC, S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.27	0.19	0.43	N, NC, SC, S	X
Insulating Low E 366 Glass - Argon, GBG	0.28	0.19	0.43	N, NC, SC, S	X

Wood Ultimate Double/Single Hung Round Top - .700" IG					
Insulating Low E 272 Glass - Argon	0.30	0.29	0.50	N, NC, SC, S	X
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.30	0.26	0.44	N, NC, SC, S	X
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.30	0.26	0.44	N, NC, SC, S	X
Insulating Low E 272 Glass - Argon, GBG	NA	NA	NA	NA	
Insulating Low E 366 Glass - Argon	*	*	*	*	
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	*	*	*	*	
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	*	*	*	*	
Insulating Low E 366 Glass - Argon, GBG	*	*	*	*	

Wood Ultimate Double Hung Round Top Picture 1 5/8" - .700" IG					
Insulating Low E 272 Glass - Argon	0.28	0.31	0.53	N, NC, SC, S	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.29	0.27	0.47	N, NC, SC, S	X
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.28	0.27	0.47	N, NC, SC, S	X
Insulating Low E 272 Glass - Argon, GBG	NA	NA	NA	NA	
Insulating Low E 366 Glass - Argon	*	*	*	*	
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	*	*	*	*	
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	*	*	*	*	
Insulating Low E 366 Glass - Argon, GBG	*	*	*	*	

Wood Ultimate Double Hung Round Top Picture 2" - 1" IG					
Insulating Low E 272 Glass - Argon	0.28	0.30	0.52	N, NC, SC, S	X
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.28	0.27	0.46	N, NC, SC, S	X
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.28	0.27	0.46	N, NC, SC, S	X
Insulating Low E 272 Glass - Argon, GBG	NA	NA	NA	NA	
Insulating Low E 366 Glass - Argon	*	*	*	*	
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	*	*	*	*	
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	*	*	*	*	
Insulating Low E 366 Glass - Argon, GBG	*	*	*	*	

No 1" certified
No 1" certified
No 1" certified
No 1" certified
No 1" certified

Wood Ultimate Double Hung Round Top Transom 1 5/8" - .700" IG					
Insulating Low E 272 Glass - Argon	0.28	0.31	0.54	N, NC, SC, S	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.28	0.28	0.48	N, NC, SC, S	X
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.28	0.28	0.48	N, NC, SC, S	X
Insulating Low E 272 Glass - Argon, GBG	NA	NA	NA	NA	
Insulating Low E 366 Glass - Argon	*	*	*	*	
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	*	*	*	*	
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	*	*	*	*	
Insulating Low E 366 Glass - Argon, GBG	*	*	*	*	

Wood Ultimate Double Hung Round Top Transom 2" - 1" IG					
Insulating Low E 272 Glass - Argon	0.27	0.30	0.53	N, NC, SC, S	X
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.28	0.27	0.47	N, NC, SC, S	X
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.27	0.27	0.47	N, NC, SC, S	X
Insulating Low E 272 Glass - Argon, GBG	NA	NA	NA	NA	
Insulating Low E 366 Glass - Argon	*	*	*	*	
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	*	*	*	*	
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	*	*	*	*	
Insulating Low E 366 Glass - Argon, GBG	*	*	*	*	

Wood Double Hung Tilt Pac - 9/16" IG					
Insulating Low E 272 Glass - Argon	0.34	0.30	0.51	N, NC, SC, S	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.35	0.27	0.45	N, NC, SC, S	
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.34	0.27	0.45	N, NC, SC, S	
Insulating Low E 272 Glass - Argon, GBG	0.35	0.27	0.45	N, NC, SC, S	
Insulating Low E 366 Glass - Argon	0.33	0.20	0.46	N, NC, SC, S	
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.34	0.18	0.41	N, NC, SC, S	
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.33	0.18	0.41	N, NC, SC, S	
Insulating Low E 366 Glass - Argon, GBG	0.35	0.18	0.41	N, NC, SC, S	

Wood Single Hung Tilt Pac - 9/16" IG					
Insulating Low E 272 Glass - Argon	0.34	0.30	0.51	N, NC, SC, S	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.35	0.27	0.45	N, NC, SC, S	
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.34	0.27	0.45	N, NC, SC, S	
Insulating Low E 272 Glass - Argon, GBG	0.35	0.27	0.45	N, NC, SC, S	
Insulating Low E 366 Glass - Argon	0.33	0.20	0.46	N, NC, SC, S	
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.34	0.18	0.41	N, NC, SC, S	
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.33	0.18	0.41	N, NC, SC, S	
Insulating Low E 366 Glass - Argon, GBG	0.35	0.18	0.41	N, NC, SC, S	

Wood Ultimate Double Hung Magnum / SH Magnum - .700" IG					
Insulating Low E 272 Glass - Argon	0.30	0.29	0.51	N, NC, SC, S	X
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.31	0.26	0.45	N, NC, SC, S	
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.30	0.26	0.45	N, NC, SC, S	X
Insulating Low E 272 Glass - Argon, GBG	0.31	0.26	0.45	N, NC, SC, S	
Insulating Low E 366 Glass - Argon	0.29	0.20	0.45	N, NC, SC, S	X
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.30	0.18	0.40	N, NC, SC, S	X
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.29	0.18	0.40	N, NC, SC, S	X
Insulating Low E 366 Glass - Argon, GBG	0.30	0.18	0.40	N, NC, SC, S	X

Wood Magnum Historical Double Hung					
Insulating Low E 272 Glass - Argon	NA	NA	NA	NA	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	NA	NA	NA	NA	
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	NA	NA	NA	NA	
Insulating Low E 272 Glass - Argon, GBG	NA	NA	NA	NA	
Insulating Low E 366 Glass - Argon	NA	NA	NA	NA	
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	NA	NA	NA	NA	
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	NA	NA	NA	NA	
Insulating Low E 366 Glass - Argon, GBG	NA	NA	NA	NA	

Wood Magnum Historical Single Hung					
Insulating Low E 272 Glass - Argon	NA	NA	NA	NA	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	NA	NA	NA	NA	
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	NA	NA	NA	NA	
Insulating Low E 272 Glass - Argon, GBG	NA	NA	NA	NA	
Insulating Low E 366 Glass - Argon	NA	NA	NA	NA	
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	NA	NA	NA	NA	
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	NA	NA	NA	NA	
Insulating Low E 366 Glass - Argon, GBG	NA	NA	NA	NA	

Wood Magnum Historical Picture					
Insulating Low E 272 Glass - Argon	NA	NA	NA	NA	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	NA	NA	NA	NA	
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	NA	NA	NA	NA	
Insulating Low E 272 Glass - Argon, GBG	NA	NA	NA	NA	
Insulating Low E 366 Glass - Argon	NA	NA	NA	NA	
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	NA	NA	NA	NA	
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	NA	NA	NA	NA	
Insulating Low E 366 Glass - Argon, GBG	NA	NA	NA	NA	

Wood Magnum Historical Transom					
Insulating Low E 272 Glass - Argon	NA	NA	NA	NA	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	NA	NA	NA	NA	
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	NA	NA	NA	NA	
Insulating Low E 272 Glass - Argon, GBG	NA	NA	NA	NA	
Insulating Low E 366 Glass - Argon	NA	NA	NA	NA	
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	NA	NA	NA	NA	
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	NA	NA	NA	NA	
Insulating Low E 366 Glass - Argon, GBG	NA	NA	NA	NA	

Wood Glider - 9/16" IG					
Insulating Low E 272 Glass - Argon	0.33	0.31	0.52	N, NC, SC, S	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.34	0.28	0.46	N, NC, SC, S	
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.33	0.28	0.46	N, NC, SC, S	
Insulating Low E 272 Glass - Argon, GBG	0.35	0.28	0.46	N, NC, SC, S	
Insulating Low E 366 Glass - Argon	0.33	0.21	0.47	N, NC, SC, S	
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	0.34	0.19	0.42	N, NC, SC, S	
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	0.33	0.19	0.42	N, NC, SC, S	
Insulating Low E 366 Glass - Argon, GBG	0.34	0.19	0.42	N, NC, SC, S	

Wood Magnum Tilt Turn 2 13/32" - 7/8" IG						
Insulating Low E 272 Glass - Argon	0.28	0.28	0.48	N, NC, SC, S	X	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.29	0.25	0.42	N, NC, SC, S	X	
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.28	0.25	0.42	N, NC, SC, S	X	
Insulating Low E 272 Glass - Argon, GBG	0.28	0.25	0.42	N, NC, SC, S	X	
Insulating Low E 366 Glass - Argon	*	*	*	*	*	
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	*	*	*	*	*	
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	*	*	*	*	*	
Insulating Low E 366 Glass - Argon, GBG	*	*	*	*	*	

Wood Magnum Tilt Turn 4 9/16" - 7/8" IG						
Insulating Low E 272 Glass - Argon	0.28	0.27	0.46	N, NC, SC, S	X	
Insulating Low E 272 Glass - Argon, SDL w/ Spacer Bar < 1"	0.29	0.24	0.41	N, NC, SC, S	X	
Insulating Low E 272 Glass - Argon, SDL w/o Spacer Bar < 1"	0.28	0.24	0.41	N, NC, SC, S	X	
Insulating Low E 272 Glass - Argon, GBG	0.28	0.24	0.41	N, NC, SC, S	X	
Insulating Low E 366 Glass - Argon	*	*	*	*	*	
Insulating Low E 366 Glass - Argon, SDL w/ Spacer Bar < 1"	*	*	*	*	*	
Insulating Low E 366 Glass - Argon, SDL w/o Spacer Bar < 1"	*	*	*	*	*	
Insulating Low E 366 Glass - Argon, GBG	*	*	*	*	*	

* Product Energy Value Verification is currently in process. Charts will be completed when we receive the data.

** Please note that this chart provides data for products with Argon-filled glazing. Marvin has many more glazing options.

*** Tinted glass is also available. Tints will not affect the product's U-factor, but would reduce its SHGC.